

Surface and anti-corrosion coating

Brushable Liquid Zinc Coating



Touch-up for galvanized surfaces, colour matching hot-dip galvanization

WEICON Brushable Liquid Zinc Coating provides active protection against corrosion for all metallic surfaces and is available in a colour shade matching galvanization. In the case of WEICON Brushable Liquid Zinc Coating, flaky metal pigments (flakes) settle parallel to the surface in several, spatially displaced layers on the substrate (shingle effect). That way, even when the layer thickness is low, high corrosion protection is achieved. Thus, it meets the requirements stated in the DIN EN ISO 1461 standard. This protects the surface longer from penetrating moisture. Optimal corrosion protection is achieved through the simultaneous electrochemical effect.

Technische Daten

Binder	Alkyd resin	
Cylindrical mandrel bend test	DIN EN ISO 1519	no hairline cracking
Processing temperature	+18°C to +30°C	
Metal content in dry film	58,5 %	
Pigment purity	approx. Al 99.5% and Zn 99.9%	
Spray consistency	10 - 20% universal dilution	
Consumption	~120 ml/m ²	
IMPA Code	252101/02	
Temperature resistance	approx. +240 °C	
ISSA Code	53.402.60/61	

Surface pre-treatment

Clean and degrease material surfaces with Cleaner Spray S. For sensitive, non-metallic materials, WEICON Surface Cleaner should be used. WEICON Metal Pigment Coatings should be applied one hour after pre-treatment at the latest by e.g. sandblasting, grinding, cleaning or degreasing. Temperature differences between the surface and the air should be as small as possible, otherwise there is a risk of condensation (dew point +7°C).

Processing

Bring the containers to room temperature (+20°C) and stir the sediment well. Apply WEICON Metal Pigment Coatings evenly with a brush or roller. Stir at regular intervals during application to ensure that the active substance remains homogeneous. Alternatively, application by spray gun is possible (for spray consistency see technical data). High application temperatures up to max. +30°C and low humidity favour an even spreading pattern and an optimal surface structure. WEICON Metal Pigment Coatings can also be applied to surfaces with temperatures down to -10°C. At temperatures in the negative range, the surface has a slightly poorer structure. Due to the very slow evaporation of solvents and slower curing, the applied varnish tends to form "tears" on vertical surfaces.

Storage

Keep away from ignition sources - do not smoke. Take measures to avoid electrostatic charge. Store in tightly closed original container. Do not store with flammable materials. Keep container in a cool, well-ventilated location. Protect from warming/overheating.

Safety and health

When using WEICON products, the physical, safety-related, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

Accessories

15810001	Adapter for WSD 400, 1 PCE
15811002	Spray Set for WSD 400, 1 PCE
15811400	WSD 400 Pressurized-Air Spray Can, 400 ml
15831001	Adjusting Valve for cans, 28 PCE
15841500	Pump Dispenser WPS 1500, 1,5 L
15841501	Extension tube for WPS 1500, 1 PCE
15843001	WEICON Pump Dispenser Special, 500 ml

Available sizes:

15001375	Brushable Liquid Zinc Coating, 375 ml
15001750	Brushable Liquid Zinc Coating, 750 ml
15001902	Brushable Liquid Zinc Coating, 2,5 L

Note

The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

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